

DIOGENOV, G.G.; SERGEYEVA, G.S.

Ternary system of lithium, potassium, and cesium acetates.  
Zhur. neorg. khim. 10 no.1:292-294 Ja '65. (MIRA 18:11)

1. Submitted Jan. 13, 1964.

DIOGENOV, G.G.; GIMEL'SHTEYN, V.G.

System K, Rb / ~~NO~~<sub>3</sub>, CH<sub>2</sub>COO. Zhur.neorg.khim. 10 no.11:2567-  
2569 N '65. (MIRA 18:12)

1. Submitted December 14, 1964.

DIOGENOV, G.G.; GIMEL'SHTEYN, V.G.

The system Rb, Cs  $\parallel$  NO<sub>3</sub>, CH<sub>3</sub>COO. Zhur.neorg.khim. 11  
no.1:207-209 Ja '66. (MIRA 19:1)

1. Submitted February 15, 1965.

DIOGENOV, G.G.; SARAPULOVA, I.F.

Li, Na, Cs || NO<sub>3</sub> and Li, Na, Rb || NO<sub>3</sub>. Zhur.neorg.khim. 10  
no.8:1932-1935 Ag '65.

Na, K, Cs || NO<sub>3</sub> and Na, Rb, Cs || NO<sub>3</sub>. Ibid.:1937-1938.  
(MIRA 19:1)

1. Submitted May 9, 1964.

DIODGENOVA, T. P.

21(8)

4

PHASE I BOOK EXPLOITATION

SOV/1316

Akademiya nauk Kazakhskoy SSR. Institut yadernoy fiziki

Trudy, t. 1 (Transactions of the Institute of Nuclear Physics,  
Kazakh SSR Academy of Sciences. v.1) Alma-Ata, Izd-vo  
AN Kazakhskoy SSR, 1958. 2,000 copies printed.

Ed.: Osadchiy, F. Ya.; Tech. Ed.: Alferova, P.F.; Editorial  
Board of Series: Griman, I.G., I.G. Dem'yanikov (resp. ed.),  
T.P. Diogenova, and S.K. Kalinin.

PURPOSE: This volume of the "Trudy" is intended for specialists  
(Physicists, physicochemists, physicist-metallurgists, etc.),  
scientists, engineers, teachers, and postgraduate students  
(aspiranty).

Coverage: This volume of the "Trudy" contains results of research  
performed at the "Institut yadernoy fiziki" (Institute of Nuclear  
Physics) in the years 1954-1956. The first article is concerned  
with the interaction of cosmic-ray particles with nuclei of

Card 1/6

Transactions of the Institute (Cont.)

SOV/1316

various substances, and with the nature of secondary particles. Particular attention is given to the generation of mesons in showers. The next article discusses the motion of charged particles from the point of view of the general theory of relativity. A series of articles presents the problems of changes in the plasticity, strength, and hardness of alloys at various temperatures in relation to their chemical and phase compositions. Data are given on the properties of alloys during crystallization with reference to hot-shortness. Separate problems of the theory of shaping are also included. Spectrum analysis is discussed as applied to the study of arc performance and to the determination of rare earth elements in minerals. The text also describes quantitative x-ray spectrum analysis based on the various spectrum series.

TABLE OF CONTENTS:

Takibayev, Zh. S. Study of the Character of Interactions of Cosmic Rays With Atomic Nuclei of Heavy and Light Elements 3

Ch. 1. Formation of Secondary Star-forming Particles During the interaction of Cosmic Rays With Various Nuclei 5

Transactions of the Institute (Cont.) SOV/1316

- |        |  |     |
|--------|--|-----|
| Ch. 2. | Generation of Slow $\pi$ -mesons in Various Nuclei and the development of an Intranuclear Cascade Process  | 33  |
| Ch. 3. | Investigation of the Transition Effects for Stars and Slow $\pi$ -mesons Based on the General Pattern of the Passage of Cosmic-ray Nucleons Through Matter | 54  |
| Ch. 4. | Use of Nuclear Photographic Emulsion for the Direct Study of the Interaction of Cosmic-ray Particles With Atomic Nuclei of Certain Elements                | 72  |
| Ch. 5. | Study of the Interaction (Stars and Showers) of Cosmic-ray Particles With Atomic Nuclei of Tungsten and Aluminum   | 88  |
| Ch. 6. | Study of Showers in Photographic Emulsion Due to Cosmic-ray Particles  | 101 |

Card 3/6

Transactions of the Institute (Cont.)		SOV/1316
Ch. 7. Study of Showers Due to Particles With Energies Larger Than $10^{12}$ ev		123
Petrova, N.M. Equations of Charged Particle Motion in the General Theory of Relativity		160
Cherdyntsev, V.V., and O.V. Suyarova. Study of the Earth's Neutron Flux		166
<u>Diogenova, T.P.</u> Capture of a $\pi$ -meson With the Escape of a Heavy Fragment		172
Presnyakov, A.A. Some Problems in the Interaction of Com- ponents in Binary Equilibrium Diagrams		175
Presnyakov, A.A. Theory of Slip Cones		187
Presnyakov, A.A. Connection Between the Plastic Properties of Metallic Systems and Their Chemical and Phase Composition		197
Presnyakov, A.A. Flow of Metal in the Seat of Deformation During Rolling		217
Cont. II		



Transactions of the Institute (Cont.) SOV/1316

Presnyakov, A.A., Yu. P. Mironenko, and V.G. Roshchupkin. Industrial Dynamometers for High-power Resistance Transmitters	225
Presnyakov, A.A., and V.V. Chervyakova. Plasticity of Molten Binary Alloys Al - Cu at High Temperatures	234
Presnyakov, A.A., and N.S. Sakharova. Study of the Microhardness of Certain Cast Alloys With Zinc and Tin Base	237
Presnyakov, A.A., and Yu. P. Mironenko. Plasticity of Certain Molten Zinc Alloys	244
Novikov, I.I., and L. I. Dautova. Dependence of Heat Resistance on Composition in the Cu - Ni - Si System	249
Novikov, I.I., and L. I. Dautova. Study of the Hot-shortness of Copper Alloys	255
Novikov, I.I., and K.T. Matveyeva. Closing Up Shrinkage Fissures During Crystallization	265

Card 5/6

Transactions of the Institute (Cont.) SOV/1316

Novikov, I.I., and L. I. Dautova. Study of the Equilibrium  
Diagram of the System: Copper - Nickel - Silicon 274

Dem'yanikov, I.G. Rapid Method of Quantitative X-ray Spec-  
trum Analysis 282

Kalinin, S.K., E. Ye. Fayn, I. G. Grinman, and G.B. Zhilinskii.  
Spectroscopic Determination of Rare Earths in Minerals 288

Grinman, I.G., S.K. Kalinin, V.L. Marzuvanov, and E. Ye. Fayn.  
Study of Electric-arc Output for Spectrum Analysis 296

AVAILABLE: Library of Congress

Card 6/6

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4-6-59

DIOGENOVA, T.P.

Capture of a  $\pi$ -meson with the emergence of a heavy fragment.  
Trudy Inst.iad.fiz.AN Kazakh.SSR 1:172-174 '58. (MIRA 12:2)  
(Mesons--Capture)

DIDKOVSKIY, M.M., kandidat tekhnicheskikh nauk; MARKOVSKIY, F.T., kandidat tekhnicheskikh nauk; SUKHOMEL, G.I., otvetstvennyy redaktor; MUSNIK, N.I., tekhnicheskiy redaktor

[Technical and economic indexes for small hydroelectric power stations in the Ukrainian S.S.R.] Tekhniko-ekonomicheskije pokazateli malykh gidroelektrostantsii USSR. Kiev, Izd-vo Akademii nauk Ukrainskoi SSR, 1948. 55 p. (MLRA 8:1)  
(Ukraine--Hydroelectric power stations)

DILKOVSKIY, M.M., kand. tekhn. nauk; KOBERNIK, S.G., mladshiy nauchnyy  
sotrudnik.

Investigating marginal pressure of current in water discharge  
installations. Izv. Inst. gidrol. i gidr. AN URSR 8:116-128 '51.  
(Hydraulics) (Spillways) (MIRA 11:4)

DIDKOVSIIY, M.M., kand. tekhn. nauk.

Designing ditch-type spillways in soils subject to scouring. Izv.  
Inst. gidrol. i gidr. AN URSR 9:69-78 '53. (MIRA 11:4)  
(Spillways)

124-1957-1-501

Translation from: Referativnyy zhurnal, Mekhanika, 1957, Nr 1, p 62 (USSR)

AUTHORS: Didkovskiy, M.M., Rodionov, I.A.

TITLE: The Coefficient of Roughness of Earth Channels With Large Cross-sections (Koeffitsiyent sherokovatosti zemlyanykh kanalov bol'shogo secheniya)

PERIODICAL: Izv. In-ta gidrol. i gidrotekhn. AN UkSSR, 1955, Vol 12, pp 28-45

ABSTRACT: From an analysis of the expressions for the velocity factor  $C$  and their verification by means of test data on the resistance losses of silt-free channels with large cross-sections, the Author arrives at the following conclusions: 1) The N.N.Pavlovskiy formula, which is substantiated by experimental data and which is becoming more and more widely adopted in applied hydraulics computations, must continue to be considered as a fundamental tool in the determination of the velocity factor  $C$ ; 2) The I.I.Agroskin formulas and the abbreviated Ganguillet-Kutter formula yield satisfactory numerical results for earth channels; their values for the velocity factor  $C$  do not deviate more than 5% from those given by the N. N.Pavlovskiy formula; ? The magnitude of the velocity factor  $C$

Card 1/2

124-1957-1-501

The Coefficient of Roughness of Earth Channels (cont.)

given by the full Ganguillet-Kutter formula deviates by 15-35% from that obtained from the N.N.Pavlovskiy formula. The Authors used the results of investigations by the Institut gidrologii i gidrotekhniki AN USSR (Institute of Hydrology and Hydraulic Engineering, UkSSR Academy of Sciences), the Institut sooruzheniy AN UzSSR (Institute of Structures, UzSSR Academy of Sciences), and of L.S.Kuskov and I.N.Dyment performed on the "Moscow" canal. They evolved and recommend a new scale for the coefficient of roughness for earth channels with large sections and with a 20% paved surface reinforcement of the wetted perimeter; the new scale is suitable for use of the Pavlovskiy formula for  $C$ . The full Ganguillet-Kutter formula mentioned in the paper is mistakenly referred to as the G.A.Dzhimsheli formula; also, the coefficient 0.0155 in that equation is erroneously shown as 0.155. Bibliography: 13 references G.A.Dzhimsheli

1. Canals--Roughness coefficient--Analysis

Card 2/2



DIDKOVSKIY, Mikhail Mefodiyevich; RODIONOV, Ivan Aleksandrovich; SUKHOMEL,  
G.I., akademik, otvetsvennyy redaktor; KALANTSEV, B.A., redaktor  
izdatel'stva; ZHUKOVSKIY, A.D., tekhnicheskii redaktor

[Resistance to water movement in large earthen channels] Soprotivleniye  
dvizheniy vody v bol'shikh zemlianykh kanalakh. Kiev, Izd-vo  
Akademii nauk USSR, 1956. 77 p. (MLRA 10:1)

1. Akademiya nauk USSR (for Sukhomel)  
(Hydraulics) (Canals)

*DIDKOVSKIY, M.M.*

SUKHOMEL, Georgiy Iosifovich; ZASS, Viktor Moyseyevich; YANKOVSKIY, Lev Ignat'yevich; DIDKOVSKIY, M.M., kandidat tekhnicheskikh nauk, otvetstvennyy redaktor; ZIL'BAN, M.S., redaktor izdatel'stva; RAKHLINA, N.P., tekhnicheskiy redaktor

[Studies of movement of ships in a restricted channel] Issledovanie dvizheniya sudov po ogranichennym farvateram. Kiev, Ind-vo Akademii nauk Ukrainskoi SSR, 1956. 162 p. (MLRA 10:2)  
(Ships--Hydrodynamics)

DIDKOVSKIY, M.M., kandidat tekhnicheskikh nauk; RADIONOV, I.A., inzhener.  
~~Some formulas for a rapid C multiplier. Gidr.stroi. 25 no.10:59-61~~

Some formulas for a rapid C multiplier. Gidr.stroi. 25 no.10:59-61  
N '56. (MLRA 9:12)

(Hydraulics)

SUKHOMEL, G.I., akademik; DIDKOVSKIY, M.M., kand. tekhn. nauk

Whirlpools in open "calm" streams. Izv. Inst. gidrol. i gidr.  
AN URSS 15:54-59 '59. (MIRA 12:9)

1. AN URSS (for Sukhomel).  
(Whirlpools)

SHVETS, G.I. [Shvets', H.I.]; ZIL'BAN, M.S.; KOBERNIK, S.G. [Kobernyk, S.H.];  
OLSHYNIK, A.Ya. [Oliinyk, O.IA.]; PIVOVAR, N.G. [Pyvovar, M.H.];  
ROZOVSKIY, I.L. [Rozovs'kyi, I.L.]; SLOBODYAN, R.T.; DIDKOVSKIY,  
M.M. [Didkovs'kyi, M.M.], kand.tekhn.nauk, otv.red.; KRENTSEL', Sh.G.  
[Krentsel', Sh.H.], red.-leksikograf; SHIKAN, V.L., red.izd-va;  
BUNYI, R.O., tekhn.red.

[Russian-Ukrainian hydraulic-engineering dictionary; 13000 terms]  
Russko-ukrainskii gidrotekhnicheskii slovar'. 13000 terminov. Kiev,  
Izd-vo Akad.nauk USSR, 1960. XIV, 192 p. (MIRA 13:7)  
(Hydraulic engineering--Dictionaries)  
(Russian language--Dictionaries--Ukrainian)

DIDKOVSKIY, Mikhail Mefodiyevich [Didkovs'kyi, M.M.]; SHVETSYA, G.I.  
[Shvetsia, H.I.], kand. tekhn. nauk, red.; PTECHKOVSKAYA, O.M.  
[Piechkovs'ka, O.M.], red. 1zd-va; YEFIMOVA, M.I. [IEFimofa, I.],  
tekhn. red.

[Problem of the "Great Dnieper "] Problema Velykoho Dnipra.  
Kyiv, Vyd-vo Akad. nauk URSR, 1961. 43 p. (MIRA 15:3)  
(Dnieper Valley--Water resources development)  
(Ukraine--Hydroelectric power stations)

ZHELEZNYAK, Iosif Aronovich, kand. tekhn. nauk; DIDKOVSKIY, M.M., kand.  
tekhn. nauk, otv. red.

[Series of hydroelectric power stations on the Dnieper River]  
Dneprovskii kaskad gidroelektrostantsii. Kiev, 1961. 47 p.  
(Obshchestvo po rasprostraneniuiu politicheskikh i nauchnykh zna-  
nii Ukrainskoi SSR. Ser.7, no.9) (MIRA 14:11)  
(Dnieper River—Hydroelectric power stations)

DIDKOVSKIY, M.M.[Didkovs'kiy, M.M.]; POZNYAYA, N.G.[Pozniaya, N.H.]

Studying the resistance of the surface of separation [with summary  
in English]. Dop.AN URSS no.3:311-315 '61. (MIRA 14:3)

1. Institut gidrologii i gidrotekhniki AN USSR. Predstavleno  
akademikom AN USSR G.I.Sukhomelom [Sukhomel, H.I.].  
(Hydraulics)



25155

S/021/61/000/004/007/013  
D213/D303

9.6100

AUTHORS: Didkovs'kyi, M.M., and Yehidis, B.M.

TITLE: A two-component sensor of instantaneous velocity

PERIODICAL: Akademiya nauk Ukrayins'koyi RSR. Dopovid1, no. 4,  
1961, 442 - 445

TEXT: The need to determine the instantaneous velocity of flow in one or several directions arises in investigating turbulence. The article describes two component sensor of instantaneous velocity which was developed by the Institute of Hydrology and Hydraulics of the AS UkrSSR to deal with this problem. The authors describe the construction of the sensor which operates a tensometric amplifier and an electromagnetic oscillograph which permits the simultaneous recording of two oscillograms, so that the longitudinal and transverse components of instantaneous velocity may be known at a given moment of time. The sensor works on the principle of the transforming the mechanical work done by the flow on the re-

Card 1/3

25155

S/021/61/000/004/007/013  
D213/D303

A two-component sensor ...

ceiving element of the tensor into electricity. The sensor consists of an elastic system of two mutually perpendicular laminae, one of which is firmly suspended and to the end of the other is attached a thin rod bearing on its end a small ball of diameter 5 - 10 mm. Each lamina acts as a cantilever. The whole system except for the ball, and part of the rod is enclosed in a metal case. When a force (i.e. the hydrodynamic pressure of the flow) acts upon the ball, this is transmitted proportionally to the plates, which produce a deformation in the electrotensometer. The arrangement of the elements of the sensor make it possible for 2 oscillograms to be recorded simultaneously. The following relationship is used to find the instantaneous velocity from the height of the oscillogram  $a = kv^n$ , where  $k$  is a constant for the given sensor. The relation for the angle  $\alpha$  between the direction of flow and the plane of the beam is  $b = a \sin \alpha$ , where  $a$  is determined for  $\alpha = 90$ . From this a relation between the components of velocity may be obtained. The maximum velocity which may be measured with a given sensor depends on two factors: 1) the diameter of the ball, 2) the frequency of the

Card 2/3

25155

A two-component sensor ...

S/021/61/000/004/007/013  
D213/D303

oscillatory motion which the flow induces on the ball. There are 3 figures and 6 references: 4 Soviet-bloc and 2 non Soviet-bloc. The reference to the English-language publication reads as follows  
A.G. Ippen, F. Raichlen, Proc. ASSE Hydraulics Division, 83, 95, 1957.

Card 3/3

25487

S/021/61/000/005/006/012

D215/D304

26.2/91

AUTHORS: Didkovs'kyi, M.M., and Ehidis, B.M.

TITLE: On the oscillations of an elastically fixed sphere  
in a liquid flow

PERIODICAL: Akademiya nauk Ukrayins'koyi RSR. Dopovidi, no. 5,  
1961, 612 - 615

TEXT: The authors state that it is well-known that a body elastically supported in a flow of liquid will start to oscillate about its equilibrium position. In addition to this transverse oscillation, the author's experiments show that longitudinal oscillations may also arise. The flow is investigated by a sensor consisting of a small sphere on the end of a metal rod which is connected at the other end to two mutually perpendicular elastic laminae, each of which is connected to a tenso-sensor. The deformation of the laminae is proportional to the displacement of the sphere. By an electric oscillograph, two simultaneous oscillograms may be obtained,

Card 1/4 3

On the oscillations of ...

25487

S/021/61/000/005/006/012

D215/D304

giving the longitudinal and transverse oscillations of the sphere. By using laminae of different flexibility, and by making the sphere of materials of a different specific gravity, different frequency oscillations may be obtained for spheres of the same weight. Fig. 2 shows graphically the relationship between ratio (do maximum) of the amplitude of the longitudinal and transverse oscillation spheres having various diameters with various proper frequencies and the Struhal numbers - the relationship between the speed of flow and the product of the diameter of the sphere and its proper frequency. It is evident that the oscillation always occurs with the frequency very close to the proper frequency of the system. The resonance nature of the longitudinal oscillations is evident from their curve. For some known diameter and proper frequency, oscillations begin with Struhal number  $St = 1.3 - 1.4$ , and reach the maximum amplitude with  $St. = 2.0$ . Transverse oscillations always appear with the Struhal number close to twice as great as that where the longitudinal oscillations begin, i.e. at  $St = 2.8 - 3.0$ . This indicates that the transverse oscillations arise from a great

Card 2/03

On the oscillations of ...

25487  
S/021/61/000/005/006/012  
D215/D304

ter velocity of flow, when the flow has more kinetic energy, part of which is converted into the energy of oscillations of the auto-oscillatory system. The self-excitation may be hard as well as soft, and investigation of the hard self-excitation shows that the transverse oscillations are auto-oscillations and not merely forced oscillations in the resonance region. In conclusion, the authors mention the significance of this work for the sensor of instantaneous velocity developed by the Institute of Hydrology and Hydraulics of the AS UkrSSR, the receiving element of which is a sphere. There are 3 figures and 4 Soviet-bloc references.

ASSOCIATION: Instytut hidrolohiyi ta hidrotekhniky AN URSR (Institute of Hydrology and Hydraulics, AS UkrSSR)

PRESENTED: H.Y. Sukhomel, Member AS UkrSSR

SUBMITTED: July 29, 1960

Card 3/0 3

ARISTOVSKIY, Valer'yan Valer'yanovich [Arystovs'kyi, V.V.], doktor  
tekhn. nauk; SLOBODYAN, Roman Tikhonovich, kand. tekhn. nauk.  
Prinimal uchastiye GARKAVI, O.Ya. [Harkavi, O.IA.], mladshiy  
nauchnyy sotr.; DIDKOVSKIY, M.M. [Didkovs'kyi, M.M.], kand. tekhn.  
nauk, otv. red.; REVERA, O.Z., kand. geog. nauk, nauchnyy red.;  
DAKHNO, Yu.M., tekhn. red.

[Resistance of the shores of the Kakhovka Reservoir to damage by  
landslides and settling] Stiikist' berehiv Kakhovs'koho vodoskhovy-  
shcha, shcho zaznaiut' zsumnykh ta prosadochnykh deformatsii.  
Kyiv, Vyd-vo Akad. nauk URSR, 1962. 145 p. (MIRA 15:6)  
(Kakhovka Reservoir—Shorelines)

S/124/62/000/005/028/048  
D251/D308

AUTHORS: Didkovskiy, M.M., Yegidis, B.M., and Poznyaya, N.G.

TITLE: A sensor for simultaneous measurement of two components of instantaneous velocity

PERIODICAL: Referativnyy zhurnal. Mekhanika, no. 5, 1962, 133, abstract 5B866 (V sb. novyye metody izmereniy i pri-bore dlya gidravlich issled., M. AN SSSR, 75 - 79)

TEXT: The miniature sensor consists of a small sphere fixed on a spring which consists of two mutually perpendicular springs attached one to the other. Thus the sphere has two degrees of freedom (in both planes). The magnitude of its displacement is measured with the aid of a tenso-sensor fixed to each of the springs. An example of the calibration is given. 7 references. [Abstractor's note: Complete translation].

Card 1/1



DINZBURG, B.N.; SAFRAY, B.A.

Deformation and elasticity properties of porous rubber  
made from compounds combined with thermosetting resins.  
Kauch. i rez. 23 no.1:8-10 Ja '64. (MIRA 17:2)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut plenoch-  
nykh materialov i iskusstvennoy kozhi.

DIOMIDOV, A.P., dots.; VOLEBOV, A.V., inzh.

Efficient recovery of short-fiber asbestos in core mills and  
can crushers. Izv.vys.ucheb.zav.; gor.zhur. no.2:137-144  
'59. (MIRA 13:4)

1. Sverdlovskiy gornyy institut imeni V.V.Vakhrusheva.  
Rekomendovana kafedroy obogashcheniya polezhnykh iskopayemykh.  
(Asbestos) (Crushing machinery)

DIOMIDOV, A.P., dotsent; MELIKH, V.I., inzh.

Graphic method of selecting impurity coefficients in estimating  
the output of coal preparation products. Izv. vys. ucheb.  
zav.; gor. zhur. no.9:141-144 '60. (MIRA 13:9)

1. Sverdlovskiy gornyy institut im. V.V. Vakhrusheva. Rekomend.  
kafedroy obogashcheniya poleznykh iskopayemykh.  
(Coal preparation)

DIOMIDOV, A.P., dotsent; MELKIKH, V.I., inzh.

Technical and economic basis for determining the optimum parameters of ore-dressing equipment. Izv.vys.ucheb.zav.; gor.zhur. no.3:152-155 '61. (MIRA 15:4)

1. Sverdlovskiy gornyy institut imeni V.V.Vakhrusheva; rekomendovana kafedroy obogashcheniya iskopayemykh Sverdlovskogo gornogo instituta.

(Ore dressing--Equipment and supplies)

KELINA, I.M., kand. tekhn. nauk; DIOMIDOV, A.P., dotsent;  
GAVRILOVA, Ye.V., inzh.

Optimum size of machine classes in pneumatic preparation of  
high-ash lignites. Izv. vys. ucheb. zav.; gor. zhur. no.6:  
166-170 '61. (MIRA 16:7)

1. Sverdlovskiy gornyy institut imeni Vakhrusheva. Rekomendo-  
vana kafedroy obogashcheriya poleznykh iskopayemykh.  
(Coal preparation)

ARASHKEVICH, V.M., kand. tekhn.nauk, dots.; DIOMIDOV, A.P., kand.  
tekhn. nauk, dots., red.

[Methods of investigating the capacity of minerals to undergo  
treatment] Metody issledovaniia obogatimosti poleznykh isko-  
paemykh; uchebnoe posobie. Sverdlovsk, Sverdlovskii gornyi  
in-t im. V.V.Vakhrusheva, 1962. 55 p. (MIRA 16:3)  
(Ore dressing)

BELYKH, B. P.; SVERDEL', I. S.; DIOMIDOV, A. P.; TROP, A. Ye.

"Automatic control in ore dressing plants" by V. A. Bun'ko, S. A. Volotkovskii, and N. G. IAnkilevich. Reviewed by B. P. Belykh, and others. Gor. zhur. no.11: 77-78 N '62. (MIRA 15:10)

1. Magnitogorskiy gornometallurgicheskiy institut (for Belykh).
2. Sokolovsko-Sarbayaskiy gornoobogatitel'nyy kombinat (for Sverdel'). Sverdlovskiy gornyy institut (for Diomidov, Trop).

(Ore dressing—Equipment and supplies)  
(Automatic control) (Bun'ko, V. A.)  
(Volotkovskii, S. A.) (IAnkilevich, N. G.)

DIOMIDOV, A. P., dotsent; MELKIN, V. I., inzh.; VOLEGOV, A. V., inzh.;  
SHAGABUTDINOV, G. N., starshiy prepodavatel'

Estimation of the work efficiency of drum screens employed in  
classifying asbestos concentrates. Izv. vys. ucheb. zav.;  
gor. zhur. 5 no.8:169-175 '62. (MIRA 15:10)

1. Sverdlovskiy gornyy institut imeni Vakhrusheva. Rekomendovana  
kafedroy obogashcheniya poleznykh iskopayemykh.

(Screens(Mining)) (Asbestos)



DIOMIDOV, A.P., dotsent; MELIKH, V.I., inzh.

Dynamic analysis of an oscillating screen in an inclined plane.

Izv. vys. ucheb. zav.; gor. zhur. 6 no.3:173-179 '63.

(MIRA 16:10)

1. Sverdlovskiy gornyy institut imeni V.V.Vakhrusheva.

Rekomendovana kafedroy obogashcheniya poleznykh iskopayemykh.

DIOMIDOV, A.P., dotsent; MELKIKH, V.I., inzh.

Successive and parallel operation of mechanical flotation machines. Izv. vys. ucheb. zav.; gor. zhur. 6 no.6:177-182 '63.  
(MIRA 16:8)

1. Sverdlovskiy gornyy institut imeni V.V. Vakhrusheva.  
Rekomendovana kafedroy obogashcheniya poleznykh iskopayemykh.  
(Flotation—Equipment and supplies)

DIONIDOV, B. B.

DIONIDOV, B. B. -- "RELATION OF THE HARDENING OF METALS TO THEIR DEFORMATION." SUB  
25 DEC 58, MOSCOW INST OF STEEL IMENI I. V. STALIN (DISSERTATION FOR THE DEGREE OF  
CANDIDATE IN TECHNICAL SCIENCES)

SO: VECHERNAYA EO KVA, JANUARY-DECEMBER 1958

DIOMIDOV, B. B

PAVLOV, I.M.; ~~DIOMIDOV, B.B.~~ kandidat tekhnicheskikh nauk.

Relation of metal hardening to its deformation diagrams. Sbor.Inst.  
stali. no.32:346-374 '54. (MLRA 10:5)

1.Chlen-korrespondent AN SSSR (for Pavlov)  
(Metals--Hardening)  
(Deformations (Mechanics))

DIOMIDOV, B. B.

MIRENSKIY, Mikhail L'vovich; DIOMIDOV, B.B., redaktor; GOLYATKINA, A.G.,  
redaktor izdatel'stva; BERLOV, A.P., tekhnicheskii redaktor

[Work in a small section rolling mill] Rabota na melkosortnom  
prokatnom ~~stane~~; uchebnoe posobie dlia shkol i kursov masterov.  
Moskva. Gos. nauchno-tekhn. izd-vo lit-ry po cherno i tsvetnoi  
metallurgii, 1957. 263 p. (MIRA 10:5)  
(Rolling mills)

137-58-4-7038

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 4, p 105 (USSR)

AUTHORS: Litovchenko, N. V., Diomidov, B. B.

TITLE: A New Edging Fixture for Continuous Rolling Mills (Novaya kantuyushchaya armatura dlya stanov nepreryvnoy prokatki)

PERIODICAL: Sb. tr. Mosk. vech. metallurg. in-t, 1957, Nr 2, pp 102-115

ABSTRACT: To assure a high-quality surface for the finished rolled metal, which to a considerable degree depends upon the entering and delivering guides (EDG), it is necessary to employ rolling EDG. This also makes for a high rate of output by the mills. Rolling EDG are quite applicable for use in continuous billet and multiple mills. Inasmuch as the effect of the EDG on the quality of the product is greatly increased as its profile diminishes, the roughing and intermediate groups of stands of continuous wire and merchant mills should be equipped with rolling manipulators as a matter of course. Specific recommendations on the installation of rolling turning guides on multiple, continuous-billet, and other mills are presented.

V. D.

Card 1/1      1. Rolling mills--Device--Applications

25(1)

PHASE I BOOK EXPLOITATION

SOV/1269

Litovchenko, Nikita Vasil'yevich and Diomidov, Boris Borisovich

Povysheniye proizvoditel'nosti prokatnykh stanov (Increasing the Productivity of Rolling Mills) Mosoow, Metallurgizdat, 1958.  
178 p. 5,000 copies printed.

Ed.: Manakin, N.V.; Ed. of Publishing House: Golyatkina, A.G.;  
Tech. Ed.: Bekker, O.G.

PURPOSE: This book is intended for engineers and technicians and also may be useful to students of metallurgical and mechanical engineering at secondary and higher institutions of specialized education.

COVERAGE: The book gives an account of experience gained in the operation of rolling mills at metallurgical establishments where in recent years considerable modernization has been carried out and a number of improvements have been made in the specialization and organization of work operations performed on the rolling equipment. No personalities are mentioned. There are 9 Soviet references.

Card 1/4

Increasing the Productivity of Rolling Mills	SOV/1269	
Introduction		5
Ch. 1. Blooming and Billet Mills		7
Effect of ingot weight on blooming-mill products		7
Heating rates of ingots before rolling		15
Dependence of blooming-mill productivity on the operation of the soaking-pit equipment		28
Operating intensity [productivity] of a single-stand blooming mill		30
Pass design of the blooming-mill rolls		40
Installation of additional stands on blooming mills and distribution of the reduction among them		43
Billet mills		51
Conclusions		57
Ch. 2. Structural [and Merchant Bar] Mills		59
Preparation of the billet		59
Heating of the billet		60
Card 2/4		



Increasing the Productivity of Rolling Mills	SOV/1269	
Rolling speed		66
Application of large drafts		70
Specialization of rolling mills		70
Structural mill 500		71
Merchant bar mill 300 for medium sections		80
Continuous mill 300		88
Merchant bar mill 250 for small sections		104
Ch. 3. Wire Mill 250 [Rod Mill]		132
Special features of rolling technique in multiple-strand continuous mills		132
Ways for increasing the productivity of rod mills		134
Increase of mill productivity by changing the mode of deformation of the oval cross-section in finishing circular pass		148
Rolling a deformed reinforcing rod of low alloy steel 25GS on a Wire [rod] mill		154

Card 3/4

Increasing the Productivity of Rolling Mills

SOV/1269

Conclusions	163
Ch. 4. Automation of Rolling Mills	165
Automation of a blooming mill	165
Automation of structural mill 500	170
Automation of merchant bar mill 300 for medium sections	172
Automation of continuous mill 300	174
Automation of merchant bar mill 250 for small sections	176
Automation of continuous wire [rod] mill 250	178
AVAILABLE: Library of Congress	178

GO/ksv  
3-20-59

Card 4/4

SOV-3-58-8-13/26

AUTHORS: ~~Diomidov, B.B.~~, and Surovoy, N.M., Docents, Candidates of Technical Sciences

TITLE: The Evening Vuz and the Requirements of Industry (Vecherniy vuz i zaprosy proizvodstva)

PERIODICAL: Vestnik vysshey shkoly, 1958, Nr 8, pp 56 - 59 (USSR)

ABSTRACT: The 27 years of experience of the Moscow Metallurgical Evening Institute and other evening institutes has proved that evening education has fully justified itself. The graduates from evening vuzes possess, in addition to a good theoretical training, considerable practical experience and are therefore even capable of supervising production during the first years after graduation. Moreover, the cost of training one student at the Moscow Metallurgical Evening Institute is 4 times less than at the regular metallurgical vuzes of Moscow (the Institute of Steel and the Institute of Ferrous Metals and Gold). The further development of evening education raises the question of a radical increase in the quality of training specialists while they stay on their job, and of improving the methods of instruction. The turbulent development of science and engineering makes it necessary to increase general theoretical and engineering training of the eve-

Card 1/2

The Evening Vuz and the Requirements of Industry

SOV-3-58-8-13/26

ning-class students, to teach them to work with present day technical literature and to prepare them for the study of special subjects in the advanced courses. The purpose of a Training and Methodical Conference of the Moscow Metallurgical Evening Institute was to solve these problems. The conference considered the experience gained in instructing general theoretical and engineering subjects, in making the participants familiar with the chairs' methodical work and that of individual instructors, and mapped out the different ways for improving the theoretical training of students. Lectures were given on forming the curriculums of a metallurgical evening vuz, on the role of social sciences in the teaching-educational process, on the method of delivering lectures, on conducting practical exercises, on organizing the students' independent work, etc. Material given at the conference and the institute's experience served as a basis for a number of organizational and methodical conclusions.

ASSOCIATION: Moskovskiy vecherniy metallurgicheskiy institut (Moscow Metallurgical Evening Institute)

Card 2/2

LITOVCHENKO, Nikita Vasil'yevich; DIOMIDOV, Boris Borisovich;  
KURDYUMOVA, Valentina Aleksandrovna; VLADIMIROV, Yu.V.,  
red.izd-va; GOROBINCHENKO, V.M., red.izd-va; MIKHAYLOVA,  
V.V., tekhn. red.

[Shape mill roll grooving] Kalibrovka valkov sortovykh stanov.  
Moskva, Metallurgizdat, 1963. 638 p. (MIRA 16:5)  
(Rolls (iron mills))

KURDYUMOVA, V.A., kand.tekhn.nauk, dotsent; LITOVCHENKO, N.V., kand.tekhn.  
nauk, dotsent; DIOMIDOV, B.B., kand.tekhn.nauk, dotsent

Review of a book by S.V.Makaev, I.IA. Vinokurov, B.V.Merekin,.  
G.D.Feigin, N.P.Skriabin, N.K.Riabokon', "Production of lightweight  
shapes." Stal' 23 no.9:829-830 S '63. (MIRA 16:10)

1. Magnitogorskiy gorno-metallurgicheskiy institut i Moskovskiy  
vecherniy metallurgicheskiy institut.

LITOVCHENKO, N.V.; DIOMIDOV, B.B.; ZHADAN, V.T.

Expansion in H- and channel-beam grooves. Izv. vys. ucheb.  
zav.; chern. met. 7 no.9:113-117 '64. (MIRA 17:6)

1. Magnitogorskiy gorno-metallurgicheskiy institut i Moskovskiy  
vecherniy metallurgicheskiy institut.

LITOVCHENKO, N.V., dotsent, kand. tekhn. nauk; KURDYUMOVA, V.A.,  
dotsent, kand. tekhn. nauk; DIOMIDOV, B.B., dotsent, kand.  
tekhn. nauk

Review of A.V. Tret'iakov's book "Cold rolling mill poten-  
tialities." Stal' 24 no.1:67 Ja '64. (MIRA 17:2)



DIOMIDOV, Boris Borisovich; LITOVCHENKO, Nikita Vasil'yevich;  
YEREMOLAYEV, Vladimir Alekseyevich; ANTONOV, Sergey  
Pavlovich

[Potentialities in rolling mill operations] Rezervy prokat-  
nogo proizvodstva. Moskva, Metallurgiya, 1965. 75 p.  
(NIRA 18:9)

I.  
DIOMIDOV, I., inzh.

Experience of advanced foundries. Bezop.truda v prom. 2 no.3:30-31  
Mr '58. (MIRA 11:3)

1. Otdel tekhniki bezopasnosti Leningradskogo sovnarkhona.  
(Leningrad--Foundries--Safety measures)

DIOMIDOV, I.I., inzh.

Moisturing equipment for removing dust in casting and cleaning shops, Bezop.truda v prom. 2 no.10:32-33 0 '58. (MIRA 11:11)

1. Leningradskiy sovmarkhoz.

(Dust--Removal) (Foundries--Safety measures)

DIOMIDOV, M., [Diomydov, M.] inzh.; DMITRIYEV, O. [Dmytrilev, O.], inzh.

Conquering the blue continent. Znan. ta pratsia no.7:1-3  
Jl '61. (MIRA 14:8)

1. Derzhavnyy proyektyny institut ribopromislovogo flotu.  
(Oceanographic research)

DIOMIDOV, Mikhail Nikolayevich; DMITRIYEV, Aleksandr Nikolayevich;  
KAZAROV, Yu.S., red.; LEVOCHKINA, L.I., tekhn.ref.

[Conquest of the depths] Pokorenie glubin. Leningrad, Gos.  
soiuznoe izd-vo sudostroitel.promyshl., 1959. 173 p.

(Marine biology)

(Oceanographic research)

(MIRA 12:9)

DIOMIDOV, M.N., inzh.; MARGOLINA, E.G., inzh.

Fishing trawler equipped with refrigeration. Sudostreenie 25  
no.4:1-7 Ap '59. (MIRA 12:6)  
(Fishing boats) (Refrigeration on ships)

DIOMIDOV, M.N., inzh.; DMITRIYEV, A.N., inzh.

Trawler "Pioneer." Sudostroenie 25 no.9:1-3 8 '59.  
(MIRA 12:12)  
(Trawls and trawling)

DIOMIDOV, M.N., inzh.; KAMENSKIY, Ye.V., inzh.

All-Union technical conference on the expansion of the fishing  
fleet in 1959-1965. Sudostroenie 25 no.12:70-71 D '59.

(Trawls and trawling--Congresses)

(MIRA 13:4)



3(9)

S/026/60/000/04/035/070  
D048/D006

AUTHOR: Diomidov, M.N.

TITLE: For the Study of Marine Flora and Fauna: a Hydrostat  
of New Design 12E

PERIODICAL: Priroda, 1960, Nr 4, pp 93 - 94 (USSR)

ABSTRACT: At the Baltiyskiy sudostroitel'nyy zavod (Baltic Shipyard) in Leningrad, a hydrostat with a submersion depth of 600 m has been designed for studying marine flora and fauna. Tests have shown that the new apparatus meets all modern requirements. The following technical data re given: water displacement 2,150 m<sup>3</sup>; weight with emergency load 2,300 kg; height 3,350 mm; diameter 1,250 mm; service duration of the air re-generating installation - 6 hours. The hydrostat is equipped with a photometer, a Forel'-U1 scale, a depth-meter, a camera, a cinecamera, an electro- ✓

Card 1/3

S/026/60/000/04/035/070  
D048/D006

For the Study of Marine Flora and Fauna

magnetic compass, a telephone, lamps, a psychrometer and a barometer. The body of the hydrostat consists of two cylinders, one 0.7 m high upper cylinder with an internal diameter of 1.1 m, and one 0.8 m high lower cylinder with an internal diameter of 0.8 m. The cylinders are connected by a transition cone equipped with portholes. The latter are inclined at an angle of  $15^{\circ}$  to the vertical, which makes it possible to observe the sea bottom from a close range. The body is made of 16 mm thick alloyed steel. The circular entrance hatch has a diameter of 0.45 m. The projector and the flash lamps have hermetic steel bodies with 18 mm thick stalinite glasses. The projector has a candle power of 100,000 international candles. The Polyarnyy nauchno-issledovatel'skiy institut morskogo rybnogo khozyaystva i okeanografii

Card 2/3

S/026/60/000/04/035/070  
D048/D006

For the Study of Marine Flora and Fauna

(Polar Scientific-Research Institute of Fishery  
and Oceanography) will use this new apparatus for  
underwater ichthyological research. There is 1  
diagram. ✓

ASSOCIATION: Institut Giprorybflot (Giprorybflot Institute),  
Leningrad

Card 3/3

DIOMIDOV, M.N., inzh.

Bathysphere for operation to a depth of 600 meters. Sudostroenie 26 no.9:  
11-13 S'60.

(MIRA 13:10)

(Bathyscaphe)

*Diomidov, M.N.*

AID Nr. 980-7 31 May

DESIGNING THE SOVIET BATHYSCAPH (USSR)

Diomidov, M. N. IN: Akademiya nauk SSSR. Okeanograficheskaya komissiya.  
Trudy, v. 14, 1962, 127-130. S/915/62/014/000/002/002

Descriptions of existing foreign bathyscaphs (the Trieste [U. S.] and the FNRS [French]) and analysis of the problems connected with their operation are presented in order to utilize foreign experience for the design of an improved type of Soviet bathyscaph. Particular attention is paid to the problems of insuring the waterproof condition of the gondola, the faultless yield of the hard balast, and the preservation of the filling (either hard, liquid, or combined), and providing a reliable system of controls. It is indicated that radio-active remote-control gauges can be used for determining the level of the hard balast and the boundary between the water and the liquid filling.

Card 1/2

AID Nr. 980-7 31 May

DESIGNING THE SOVIET BATHYSCAPE [Cont'd]

8/915/62/014/000/002/002

Diving and surfacing velocities can be measured by using the outside pressure gauge, which is connected with the clock mechanism. However, new instruments must be devised for determining vertical and horizontal displacement. At present in the Soviet Union, an effort is being made to construct a two-man autonomous underwater-research apparatus with a depth capability of 2000 m, an electric power supply sufficient for 6 hrs submersion, a speed of 5 knots, and a weight of about 4 tons. The apparatus would be transported to the place of submergence by ship. [JPJ]

Card 2/2

DIOMIDOV, Mikhail Nikolayevich; DMITRIYEV, Aleksandr Nikolayevich.

~~Prinimal uchastiye ZAYDEL'~~, G.A., inzh.; ZAYTSEV, V.P.,  
kand. tekhn.nauk, retsenzent; OSOKIN, S.D., kapitan 2 ranga  
retsenzent; ZENKEVICH, L.A., red.; KAZAROV, Yu.S., red.

[Conquest of the depths] Pokorenie glubin. Izd.2., ispr. i  
perer. Leningrad, Sudostroenie, 1964. 383 p.

(MIRA 18:3)

1. Chlen-korrespondent AN SSSR (for Zenkevich).

BESEKERSKIY, V.A., kand. tekhn. nauk; DIOMIDOV, V.B., kand. tekhn. nauk.

Calculating magnetic field around ferromagnetic pipes having various  
wall thicknesses. Trudy LVMI no.6:308-315 '57. (MIRA 11:5)  
(Ferromagnetism)



ZHETVIN, N.P., kand.tekhn.nauk; ZUREV, I.P., inzh.; BOLOUSOV, A.S., inzh.;  
ANDRATSKIY, K.K., inzh.; DIOMIDOVA, A.A., inzh.

Treatment of rope wire in continuous heat treating and pickling  
units. Stal' 22 no.7:661-663 JI '62. (MIRA 15:7)  
(Wire industry)

S/137/62/000/005/144/150  
A052/A101

AUTHORS: Luk'yanenko, L. P., Mal'tsev, V. F., Diomidova, L. A.

TITLE: Comparative evaluation of electrolytic and acid methods of titanium carbide isolation out of 1X18H9T (1Kh18N9T) steel

PERIODICAL: Referativnyy zhurnal, Metallurgiya, no. 5, 1962, 5, abstract 5K27 (V sb. "Proiz-vo trub". Khar'kov, Metallurgizdat, no. 6, 1962, 164-166)

TEXT: To isolate carbides out of 1Kh18N9T steel cylindrical samples were cut out, heat treated and converted into chips. An lg portion of chips was dissolved in 120 ml solution of HCl and H<sub>2</sub>SO<sub>4</sub> of 3, 4, 6 and 8-normal concentration at a slow boiling. Electrolytic dissolving was done in an electrolyte of the following composition: 74 g KCl, 10g thiocarbamide and 19 ml HCl per 1 l water; it lasted 4 hours at a current density of 0.02 a/cm<sup>2</sup>. The isolated Ti carbides were baked, fused with K pyrosulfate, the fusions were leached in H<sub>2</sub>SO<sub>4</sub>, the solutions were put in a 100 ml retort and water was added to the mark. Using the color reaction of Ti with H<sub>2</sub>O<sub>2</sub>, the Ti content in solutions was determined by means of ФЭК -M (ФЭК-M). It has been found that the Ti carbide

Card 1/2

Comparative evaluation of electrolytic ...

S/137/62/000/005/144/150  
A052/A101

isolation by dissolving chips in an acid can be applied only to determine the relative Ti carbide content in steel, since the curves obtained both with this and the electrolytic method have the same character. For dissolving chips it is better to use 8-normal  $H_2SO_4$ .

L. Vorob'yeva

[Abstracter's note: Complete translation]

Card 2/2

DIOMIDOVA, N. A.

"On the Unnatural, External Spermatogenesis of Rats," Dokl. AN  
SSSR, 28, No.6, 1940

Inst. Experimental Biology, Moscow

DIOMIDOVA, N. A.

"Formation of Spermatozoa in Cultures of Rat Testicles as Influenced by  
the Hypophysis," Dokl. AN SSSR, 30, No.9, 1941

DIOMIDOVA, N. A.

"The State of Sperm- and Follicle-Cells of the Rat in Tissue Cultures," Dokl.  
AN SSSR, 32, No.1, 1941.

Inst. of Cytology, Histology and Embryology, AS USSR

DIOMIDOVA, N. A.

"The Development of Sheepskin During the Embryonic Period," Sub. 19 Dec 47,  
Moscow Zooveterinary Inst.

Dissertations presented for degrees in science and engineering in Moscow in 1947.

SO: Sum.No.457, 18 Apr 55

DIONIDOVA, N. A.

Dionidova, N. A.,- "Changes in the hide of Buryat-Mongol sheep as a result of crossing them with Merinos", Trudy Buryat-Mongol. opyt. stantsii po zhivotnovodstvu, Issue 1, 1949, p. 20-38.

SO: U-4631, 16 S pt. 53, (Letopis 'Zhurnal'nykh Statey, No. 24, 1949).



1. DIOMIDOVA. N. A.
2. USSR (600)
4. Karakul Sheep
7. Peculiarities of the structure and development of the skin of grey  
karakul lambs. Trudy Inst. morf. zhiv. no 7 '52.

9. Monthly List of Russian Accessions, Library of Congress, March 1953. Unclassified.

*DIONISOV, A.A.*

Embryonic development of the skin and wool in sheep. Izv. AN SSSR.  
Ser. biol. no.6:62-71 N-D '54. (MLRA 8:3)

1. Institut morfologii zhivotnykh im. A.N.Severtsova Akademii nauk  
SSSR.

(SKIN, embryology,  
in sheep)

(HAIR,  
embryol. of fur in sheep)

(EMBRYO,  
skin & fur embryol. in sheep)

DIONIDOVA, N.A.

Embryonic development of the tegument in domestic animals  
(big-horned cattle and pigs). Analele biol 8 no.1:65-85  
Ja-Mr '54.

DIOMIDOVA, N.A., doktor biologicheskikh nauk.

Hungarian scientists contribute to stockbreeding. Nauka i zhizn'  
21 no.11:41-42 N '54. (MLBA 7:12)  
(Hungary--Stock and stockbreeding)

DIOMIDOVA, N.A.

~~Using the histological method for studying the wool productivity~~  
of sheep. *Izv.Otd.est.nauk AN Tadzh.SSR no.10:123-145 '55.*  
(MLRA 9:10)

1. Institut morfologii zhivotnykh imeni A.N. Severtsova AN  
SSSR, Laboratoriya morfologii sel'skokhozyaystvennykh  
zhivotnykh.

(Wool)

USSR / Farm Animals. Sheep and Goats.

Q-3

Abs Jour : Ref Zhur - Biol., No 14, 1958, No 64476

Author : Dionidova, N. A.

Inst : Not given

Title : Evaluation of the Wool Production of Sheep at an Early Age.

Orig Pub : Vetsn. s.-kh. nauki, 1957, No. 9, 105-112.

Abstract : The study of the density of wool in lambs of the Vyatka fine-wool breed at 2-day and 15-month age showed that the number of the wool follicles per unit of area (per 1 sq. mm. of the horizontal sections of the skin) varies considerably, and undergoes a sharp change with age and individual peculiarities of the development of the organism; the number of follicles inside the fiber group does not change, and is correlated to a great degree with the weight of pure wool per unit of area, both in 2-day old lambs and in adult sheep. The author considers that it is possible to evaluate the

Card 1/2

USSR / Farm Animals. Sheep and Goats.

Q-3

Abs Jour : Ref Zhur - Biol., No 14, 1958, No 64476

wool production of sheep from the second day after birth by using as an objective index the number of follicles within the fiber group; as regards the evaluation of the density of wool by the number of follicles per unit of area, it may be applicable only in case of coeval and evenly developed animals.

Card 2/2

32

CATEGORY : USSR  
 : Farm Animals.  
 : Small Horned Cattle.  
 ABS. JOUR. : RZhBiol., No. 3, 1959, No. 12028  
 AUTHOR : Diomidova, N. A.  
 INST. :  
 TITLE : The Regularity of Wool Growth in Meat-Wool  
 : Sheep.  
 ORIG. PUB. : Ovtsevodstvo, 1957, No 12, 21-24  
 ABSTRACT : The study of embryos of hybrid lambs of the  
 : Severnaya (Northern) short-tailed and Precos  
 : breeds showed that the basic processes of  
 : skin cover development lasted approximately  
 : 75 days. In a 41-67 days old fetus hair  
 : follicles become established within its inner  
 : epithelial layer of the skin cover. In a 67-  
 : 86 days old fetus, sweat and fat glands become  
 : established, the fiber structure becomes  
 : differentiated and the separation of skin  
 : layers becomes apparent. In a 80-110 days old

Card: 1/3



COUNTRY : USSR  
CATEGORY :

ABS. JOUR. : RZhBiol., No. 1959, No.

AUTHOR :  
INST. :  
TITLE :

ORIG. PUB. :

ABSTRACT : fetus primary and secondary follicles form in the epidermis. After 119 days intensive growth of hair follicles in length is observed to take place as well as a general thickening of the skin cover and the onset of the skin's glandular secretion. During the course of the lamb's uterine life the development of wool fibers from secondary follicles depends on: the breed (amounting to 27 percent in Precos and Vyatskaya breeds and to 70 percent in

CARD: 2/3

COUNTRY : USSR  
CATEGORY :

ABS. JOUR. : RZhBiol., No. 1959, No.

AUTHOR :  
INST. :  
TITLE :

ORIG. PUB. :

ABSTRACT : Latvian black-headed breeds), the individual characteristics of fetal development, the mother's state of nutrition during pregnancy (in lambs born of mothers with a live weight of 40-49 kg an average of 27.7 percent of wool fibers broke through per 1 mm<sup>2</sup> of skin and of mothers with a live weight of 60-69 kg, 35 percent of wool fibers). Follicles which were arrested in their development during the first month of the animal's life, may form wool fibers even after the age of 7 months.

Card: 3/3

COUNTRY : USSR  
CATEGORY : Farm Animals. Q  
Small Horned Cattle.  
ABS. JOUR. : RZhBiol., No. 3, 1959, No. 12017  
AUTHOR : Diomidova, N. A.  
INST. : Institute of Animal Morphology AS USSR  
TITLE : Applying the Histological Method to the Study  
of Skin and Hair Follicle Ontogenesis.  
ORIG. PUB. : Tr. In-ta morfol. zhivotnykh AN SSSR, 1957,  
vyp. 19, 5-23  
ABSTRACT : The study deals with the periodical develop-  
ment of the hair cover as well as the corre-  
lation of morphophysiological skin indicators  
and the productivity and early maturity in  
various breeds of sheep. Recommendations are  
made pertaining to the age at which embryos  
should be removed in order to study their hair  
and skin and to the methods of obtaining skin  
samples from newborn lambs in order to deter-  
mine the rapidity of development of hair roots

CARD:

1/2

40

COUNTRY : USSR  
CATEGORY :

ABS. JOUR. : RZhBiol., No. 1959, No.

AUTHOR :  
INST. :  
TITLE :

ORIG. PUB. :

ABSTRACT : in various breeds being raised under varied feeding and keeping conditions. The methods of fixing the material, its histological study, staining of skin sections and the order of their analysis, morphological examination of the skin cover, growth and development of fur fibers, formation and shape of the Karakul curl, and the fur qualities of sheep are discussed.

Card: 2/2

COUNTRY : USSR  
CATEGORY : Farm Animals. Q  
          : Small Horned Cattle.  
.AB3.JOUR. : RZhBiol., No. 3, 1959, No.12023  
AUTHOR : Diomidova, N. A.  
INST. : Institute of Animal Morphology AS USSR.  
TITLE : The Changes of the Skin and Fleece Cover in  
          Hybrid Sheep.  
ORIG. PUB. : Tr. In-ta morfol. zhivotnykh AN SSSR, 1957,  
          : vyp. 19, 133-165  
ABSTRACT : The changes of skin and fleece cover were  
          studied on the coarse-fleeced sheep of the  
          Precos breed and its hybrids in the Gor'kov-  
          skaya oblast'. Breed and age-determined morpho-  
          logical regularities were established pertain-  
          ing to structural changes, to development of  
          the skin's layers, hair and glandular appa-  
          ratus. It was observed that in the hybrids  
          of the 1st generation a complete dominance of  
          parental characteristics could not be found

CARD:

1/4

47

COUNTRY : USSR  
CATEGORY :

ABS. JOUR. : RZhBiol., No. 1959, No.

AUTHOR :  
INST. :  
TITLE :

ORIG. PUB. :

ABSTRACT : and that individual structures are inherited from both parents equally. According to the histological skin structure, and especially according to the structure and location of hair roots, 3 types may be distinguished which correspond to the groups distinguished when wool amelioration is carried out. In the 2nd generation of hybrid sheep the skin structure is similar to the skin of Precos sheep, but the manner in which hair roots and the sweat glands are placed resembles more local

Card: 2/4

COUNTRY : USSR  
CATEGORY :

ABS. JOUR. : RZhBiol., No. 1959, No.

AUTHOR :  
INST. :  
TITLE :

ORIG. PUB. :

ABSTRACT : sheep while the hair's structure is almost completely like that of Frecos sheep. **Characteristics** of fine-fleeced sheep predominate in the skin of reproductively crossed hybrids. By crossing sheep of local breeds and Frecos sheep wool quality becomes better and its quantity increases, but the quality of the sheepskin decreases. It was established that on the basis of differences in the rapidity of growth and differentiation of hair roots

CARD: 3/4

48

• COUNTRY : USSR  
CATEGORY :

• ABS. JOUR. : RZhBiol., No. 1959, No.

AUTHOR :  
INST. :  
TITLE :

ORIG. PUB. :

ABSTRACT : and glands in lambs of various generations it  
is possible to determine the degree with which  
fur and skin cover will mature even at the  
age of 1 month and to utilize this data for  
early evaluation of the wool quality in sheep.  
--A.D. Musin

Card: 1/1



DIOMIDOVA, Natal'ya Alekseyevna; KHRUSHCHOV, G.K., otv.red.; IGnat'yeva,  
G.M., red.izd-va; GUSEVA, A.P., tekhn.red.

[Development of the skin and hair in sheep; atlas of drawings]  
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(Veterinary dermatology--Atlases) (Sheep)

DIOMICVA, N.A.

Individual differences in the development of wool fibers in  
fine-wool sheep. Trudy Inst. morf. zhiv. no.35:110-127 '61.  
(MIRA 14:6)

(Sheep—Anatomy) (Wool)

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(p. 415) by Diomidova, N.

SO: Biological Journal (Biologicheskii Zhurnal) Vol. V, 1935, No. 3

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"The Fate Of The Egg Cell In Tissue Cultures Of The Ovary Of Mammals. Institute Of Experimental Biology (Director: Academician N. K. Koltsov), Moscow." (p. 959) by Diomidova, N. A.

SO: PREDECESSOR OF JOURNAL OF GENERAL BIOLOGY. (Biologicheskii Zhurnal) Vol. VII 1938, Nos. 5-6